

April 1995

Aerospace Division

Dottie Moon

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AEROSPACE DIVISION

The objectives of the Aerospace Division are to encourage the free exchange of ideas and information between libraries and librarians who are directly concerned with aerospace technology and related sciences, and to maintain a dialog with NASA and other governmental agencies upon whom we rely as sources of technical data and bibliographic sources.

FROM THE CHAIR

DOTTIE MOON



The 1994/1995 year for the current Aerospace Division Board Members and Committee Chairs and Members is speeding to a close. Everyone is working to

finish projects before our terms are up! I hope many of you will be able to join us for the Annual Business Meeting and Luncheon on Tuesday in Montreal so you can see how we did.

Watch your mailbox for two more mailings before Annual Conference. Sandy Moltz will be sending copies of our bylaws with recommended revisions. The majority of the revisions are to eliminate sexist language, bring dollar amounts up to date and have the procedures better reflect the way we do business. As soon as Sandy gets the okay from SLA's Bylaws Committee, you'll be getting a copy. A vote on the bylaws will be taken at our Annual Business Meeting on June 13.

The second mailing will be an invitation to our 30th Anniversary Celebration on Monday evening in Montreal. Dorothy Gannon, Kitty Scott, Norm Brackett, and I have been working to put together a wonderful bash at the

International Civil Aviation Organization (ICAO) Delegates Lounge. ICAO's librarian, Dobrica Savic, has been instrumental in helping us with the planning. Dobrica also has invited us to tour his library before the reception. Be aware, however, that the tour is limited to 30 members, so sign up early. The reception at ICAO is co-sponsored by the Transportation Division, and we look forward to having time to network with this group. ICAO's Delegates Lounge can accommodate over 100 people easily, so we are hoping to see you all there! Thanks go to the AIAA and CISTI for their support of this event, too.

By now you have your preliminary conference program in hand and have used the Division Index to check the list of activities we have planned for Montreal, right? Of course you have! Take advantage of these activities to meet and get to know your fellow Aerospace Division members. Use the Networking Breakfast to meet someone new and share war stories of life in the trenches. Attend the Learning Organization session and get ideas on how to impact your own organization. Show up at a Board Meeting and get involved in the operations of the division. Then, take advantage of time set aside to visit the Exhibit Hall and see what vendors can do to help you and me do our jobs better. So, come to Montreal, work the conference and go back to your library with renewed enthusiasm and exciting ideas.

As this will be my last column as Chair, I would like to thank you for providing me with the opportunity to serve in this capacity. It has expanded my network, tested my ability to meet deadlines, taunted me with great ideas upon which to follow-up and taught me what great people make up our division. Thanks to all who helped me throughout the year, and best wishes for Dorothy Gannon as she steps forward to take over as Chair in June.

GEORGE MANDEL AWARD

Congratulations to Sandy Moltz, winner of this year's George Mandel Memorial Award. Sandy works at General Electric Aircraft Engines in Lynn, Massachusetts, and is a former Aerospace Division Chair. This year Sandy is serving as Chair of our Bylaws Committee among other activities and is also a member of the AIAA Liaison Users Group. She has served the division in the past, too, as both member and chair of the Nominations Committee, chair of the Government Relations Committee, and as a member of the George Mandel Memorial Award Committee. [Ed.- She is also the able Archivist for the Sci-Tech Division in her spare time.]

Sandy has represented the division well at headquarters, serving on three SLA committees - the Joint Cabinet Committee on Divisions, the Annual Conference Committee (the 1994 conference in Atlanta), and the Committee on Changing Conference Schedules, of which she also was chairman.

She will be honored with the GMMA at our Annual Business Meeting and Luncheon in Montreal.

TRANSPORTATION T

If you don't have anything to wear to Montreal, then how about this - an

Aerospace Division T-shirt. A variety of sizes are available and all are 100 percent preshrunk cotton. Each also features the division logo over the heart, and it is in blue on a seashell colored background.

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MAD ABOUT MONTREAL

**By Karen Holloway, Chair
Conference Program Committee**

Two years after the planning started, the 1995 conference is unbelievably here. Not until the preliminary program was mailed to members several months ago did the hard work of the Program Planners, the Conference Committee, and the SLA staff become reality. An incredible array of sessions is being offered, and attendees will have difficult choices to make. Having talked with the two general session speakers, Nuala Beck and Howard Reingold, I am certain their presentations will be informative, stimulating, and entertaining.

As a member of the Aerospace Division, I am pleased especially that the Division is celebrating its 30th anniversary this year in Montreal. Having visited the ICAO library last fall, I know it will be a special evening.

Special acknowledgment needs to be paid the Eastern Canada Chapter for setting up the Internet listserv for information about Montreal. Inquiries and discussions have covered trains, planes, rafting trips, hotels,

restaurants, and more. It seems to have generated additional enthusiasm for this year's conference. I hope to see many of you there.

AERO SMITHS (and JONES ...)

Anyone wondering about Marlene Sue Heroux, formerly a secretary for the division? Well, she's not at Rolls Royce in Atlanta anymore. She's sporting the title and responsibilities now of director, the Atlanta Committee for the Olympic Games Library ... or ACOG Library, for short. She's head over heels about the opportunity. That's what she writes in February in *American Libraries* anyway (volume 26, #2). She writes, it's "one of the most rewarding jobs that I have ever had".

R. Paul Ryan has been elected chairman of Technical Information Committee (TIC) of the NATO Advisory Group for Aerospace Research and Development (AGARD). Ryan, a deputy administrator for the Defense Technical Information Center (DTIC), replaces Gladys Cotter, formerly of NASA and of the Aerospace Division. The TIC, Paul has been quoted saying, "offers an excellent opportunity to improve international cooperation by helping NATO nations meet the technological, economic, and policy issues facing the way information is produced, managed, and used."

PAPERS, PLEASE

The American Institute of Aeronautics and Astronautics Technical Information Committee will be holding its sixth program for the AIAA on the production, transfer, use, and management of scientific and technical information during the 34th Aerospace Sciences Meeting in Reno, Nevada, January 15-18, 1996.

Papers for that program are needed to address 1.) the application of information technology to the production, transfer, and use of STI; 2.) STI policy as a function of technology policy and global competitiveness; 3.) the information-seeking behavior of aerospace engineers and scientists; or 4.) the planning of STI products, services, and systems.

Abstracts are to be forwarded and received by the committee no later than May 15. The following information should accompany each abstract -

paper title, abstract, and author's name(s), title, address(es), phone(s), fax number(s), and email address(es).

Mail all of that to:

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Authors who have papers accepted for the meeting will be expected to submit a photo-ready manuscript several months prior to the meeting.

STRAIGHT AERO

By Don Welch

It's sad to say but I don't get to read as much as I'd like ... or as much as I should. Still, I was looking at an article or two recently that were telling me that the world for most of us was going to become one of servers, surfers, and cyberspace. Internet, they seemed to be saying, will rule. "Connections" will count first and foremost, regardless of whether or not you have the cents for them.

The electronic/virtual library, where the world's information is available at the

fingertips, was coming and nothing could stop it.

I guess I'd have to agree. My problem with the prediction is the speed with which the takeover is to take place. I know of many places, and I mean many, where the corporate special library is not high on the list for cutting edge investments. I'm not saying that's right, mind you, but that's the fact.

Corporate special libraries are not going to lead the takeover as a class. One or two may, but not more than that. The idea is exciting, though, to librarians and to patrons. I get engineers who ask me about the prospect all of the time. Usually, these are the guys who have started back to school or are fresh from school. A few of the rest ask, too, but these are the guys who read a lot and also like to try everything new for themselves. They tell me typically that they have an account somewhere or other that gives them access to the Internet ... and that they love it.

I love it, too. I've seen hundreds of things on the Internet that look interesting ... but they've not been anything that was going to answer the question I was trying to answer for a patron.

I see the Internet, as it is today, and the electronic/virtual library simply as inspirations of the intellect. They are, however, untamed, unrefined, and ribald. (And, I suppose that's part of the attraction of them - they will get better before they get worse.)

Libraries will change so that they can become or simulate virtual libraries. It's inevitable. The predictions are inevitable, too.

Knowing that the revolution is not going to be overnight or even in a year or two, for me and many like me, is sobering. I just have to realize that the people who do get to lead the revolution are having fun.

For the rest of us, the opinions which we (sometimes) get to read are not cybertruths or cyberguaranties. They are for now cyberhyperbole.

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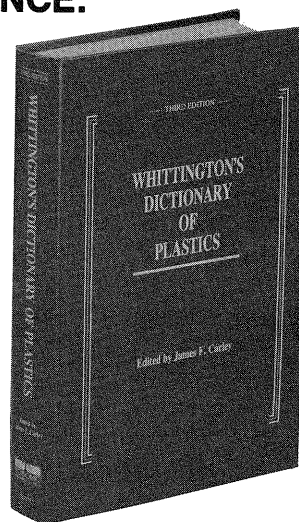
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(Third Edition)

Editor: James F. Carley, Ph.D., P.E., Fellow of the Society of Plastics Engineers, formerly Technical Editor, *Modern Plastics Magazine*



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"This text can be considered a mini-encyclopedia in that each entry contains a great deal of significant and basic detail. . . . The everyday as well as the occasional workers in the plastics field will find this volume to be of fundamental educational value." — *SAMPE Journal*

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The editor, Dr. James F. Carley brings to this new edition his more than forty years of experience as an educator, author and researcher in polymers. He is probably best known for his pioneering work in extrusion and his work as Technical Editor of *Modern Plastics Magazine*. Most recently Dr.

Carley was with the Polymers Section of Lawrence Livermore National Laboratory.

From the Editor's Preface

Since 1978, when the second edition of this Dictionary appeared, many of its terms have changed in meaning or taken on additional new meanings, a few have become obsolete, and many new terms have entered the plastics literature. New materials and new processing techniques developed during that interval have given rise to new terminology.

Toxicity, safety, flammability, and environmental concerns have continued to grow in importance and to influence decision on choices of materials and processing methods. This edition, even more than the second, reflects those concerns in many of its entries. The push toward constant improvement of quality has caused us to add definitions of terms basic to process control, statistics and quality management even though they are not specific to plastics.

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This edition has been strengthened in the areas of processing, rheology, plastics properties, and materials tests. . . . More structural formulas for chemicals and monomers are given, as are many of the important equations of polymer science and plastics engineering.

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